

Refine Search

Search Results -

Terms	Documents
L1 and L2	22

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L3

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	DB=PGPB,USPT,USOC; PLUR=YES; OP=OR		
<u>L3</u>	l1 and L2	22	<u>L3</u>
<u>L2</u>	710/301-304,100,62,2,74;713/400;326/8;714/5,7;711/115;361/684,685.ccls.	8563	<u>L2</u>
<u>L1</u>	sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	324	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	91

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

Interrupt

Search History

 DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L4</u>	sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	91	<u>L4</u>
	<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>		
<u>L3</u>	11 and L2	22	<u>L3</u>
<u>L2</u>	710/301-304,100,62,2,74;713/400;326/8;714/5,7;711/115;361/684,685.ccls.	8563	<u>L2</u>
<u>L1</u>	sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	324	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(361/684 361/685 710/301 710/302 710/303 710/304 710/100 710/62 710/2 710/74 711/115 713/400 714/5 714/7 326/8).ccls.	8563

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L2

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>			
<u>L2</u>	710/301-304,100,62,2,74;713/400;326/8;714/5,7;711/115;361/684,685.ccls.	8563	<u>L2</u>
<u>L1</u>	sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	324	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(710/301 710/302 710/303 710/304).ccls. and L2	17

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L3

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC; PLUR=YES; OP=OR

<u>L3</u>	710/301-304.ccls. and L2	17	<u>L3</u>
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<u>L2</u>	L1.clm.	381	<u>L2</u>
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<u>L1</u>	"memory stick"	4472	<u>L1</u>
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END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm)same (host or computer))	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L5

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

Set Name	Query	Hit Count	Set Name result set
	DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L5</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm)same (host or computer))	0	<u>L5</u>
	DB=PGPB,USPT,USOC; PLUR=YES; OP=OR		
<u>L4</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm)same (host or computer))	14	<u>L4</u>
<u>L3</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (host or computer))	104	<u>L3</u>
<u>L2</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4))	213	<u>L2</u>
<u>L1</u>	710/301-304.ccls.	1284	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 same controller	47

Database:

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L2

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=OR

L2 11 same controller
L1 (hot adj1 (plug\$4 or insert\$3)) same signal same switch

47 L2
103 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(hot adj1 (plug\$4 or insert\$3)) same signal same switch	103

Database:

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L1

Refine Search

Recall Text



Clear

Interrupt

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=OR

<u>L1</u>	(hot adj1 (plug\$4 or insert\$3)) same signal same switch	103	<u>L1</u>
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END OF SEARCH HISTORY

Freeform Search

Database:

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Term:

L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm)same (host or computer))

Display:

10

Documents in Display Format:

Starting with Number

1

Generate:

☐ Hit List

☒ Hit Count

☐ Side by Side

☐ Image

Search

Clear

Interrupt

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>			
<u>L4</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm)same (host or computer))	14	<u>L4</u>
<u>L3</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (host or computer))	104	<u>L3</u>
<u>L2</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4))	213	<u>L2</u>
<u>L1</u>	710/301-304.ccls.	1284	<u>L1</u>

END OF SEARCH HISTORY

EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts

Pending

Active

L1: (155) sens\$3 same

L2: (13) 11 and 710/301

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

Search

List

Browse

Queue

Clear

DBs

USPAT

Default operator

OR

Plurals

Highlight all hit terms initially

BRS form

IS&R form

Image

Text

HTML

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comment	Error	Definit	Er
1	BRS	L1	155	sens\$3 same (remov\$3 or insert\$3 or plug\$4	USPA	2005/10/3 1 14:01				
2	BRS	L2	13	11 and 710/301-304.ccls.	USPA	2005/10/3 1 14:01				



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Search Results

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Results for "((sens*<in>metadata) <and> (hot plug*<in>metadata))<and> (host<in>..."

Your search matched 1 of 1250969 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

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 printer friendly

Search Options

[View Session History](#)[New Search](#)

Modify Search

☐ Check to search only within this results set

 Display Format:
 ☒ Citation
 ☐ Citation & Abstract

Key

IEEE JNL. IEEE Journal or Magazine

IEE JNL. IEE Journal or Magazine

IEEE CNF. IEEE Conference Proceeding

IEE CNF. IEE Conference Proceeding

IEEE STD. IEEE Standard

☐ 1. **Three-wired digital interface for a large number of hot-plugged sensors**

Tsukiashi, S.; Yamaguchi, T.;

SICE 2003 Annual Conference

Volume 2, 4-6 Aug. 2003 Page(s):1183 - 1186 Vol.2

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Three-wired digital interface for a large number of hot-plugged sensors

[Tsukiashi, S. Yamaguchi, T.](#)

Kumamoto Univ., Japan

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Abstract

To gather varied information about surrounding environment in more detail, a computer should handle a large number of **sensors**. It is, however, difficult to realize such a system by conventional **sensor-to-computer** interface. We propose a common bus interface to connect those **sensors** to a **host** computer. This interface is composed of serial data bus with power supply and link layer communication protocol. It also makes the **sensor** hot-swappable. Experimental results show that a **sensor** is attachable and detachable with keeping the other **sensors** working.

Index Terms

Inspec

Controlled Indexing

[peripheral interfaces](#) [protocols](#) [sensors](#) [system buses](#)

Non-controlled Indexing

[common bus interface](#) [communication protocol](#) [hot plugged sensors](#) [sensor-computer interface](#) [serial data bus](#)
[three wired digital interface](#)

Author Keywords

Not Available

References

No references available on IEEE Xplore.

Citing Documents

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